

Docket No. 211842US2PCT/sdc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Thierry LIVACHE, et al.

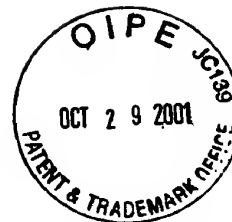
GAU: 1743

SERIAL NO: 09/890,261

EXAMINER:

FILED: August 7, 2001

FOR: METHOD FOR PRODUCING MATRICES OF ADDRESSED LIGANDS ON A CARRIER



INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

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SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references, some of which are cited in the attached International and French Search Report listed on the attached form PTO-1449. Copies of reference(s) AA through AN, AT and AU, have been received by the U.S. PCT Receiving Office from the International Bureau as acknowledged in the Notification of Acceptance.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Marvin J. Spivak

Registration No. 24,913



22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 10/98)

Surinder Sachar  
Registration No. 34,423

DOCKET NO: 211842US2PCT

Sheet 1 of 1

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Group Art Unit: 1743

STATEMENT OF RELEVANCY

**Reference AO, AP, and AV through AZ on Form 1449 are discussed in the specification.**

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
211842US2PCTSERIAL NO.  
09/890,261

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Thierry LIVACHE, et al.

FILING DATE

August 7, 2001

GROUP

1743

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,486,337	01/23/96	T. OHKAWA			
	AB	5,828,133	10/27/98	P. CAILLAT, et al.			
	AC						
	AD						
	AE						
	AE						
	AG						
	AH						
	AI						
	AJ						
	AK						

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AL	WO 98/58745	12/30/98	WIPO		
	AM	WO 98/01221	01/15/98	WIPO		
	AN	WO 97/49987	12/31/97	WIPO		
	AD	2 319 838	06/03/98	GREAT BRITAIN		
	AR	WO 94/22889	10/13/94	WIPO (with English Abstract)		X
	AD					
	AR					
	AS					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AT	T. LIVACHE, et al., Analytical Biochemistry, Vol. 255, pps. 188-194, "POLYPYRROLE DNA CHIP ON A SILICON DEVICE: EXAMPLE OF HEPATITIS C VIRUS GENOTYPING," 1998
AU	Patent Abstracts of Japan, JP 7-213926, August 15, 1995
AV	T. LIVACHE, et al., Biosensors & Bioelectronics, Vol. 13, pps. 629-634, "ELECTROCONDUCTING POLYMERS FOR THE CONSTRUCTION OF DNA OR PEPTIDE ARRAYS ON SILICON CHIPS," 1998
AW	S. P. A. FODOR, et al., Science, Vol. 251, pps. 767-773, "LIGHT-DIRECTED, SPATIALLY ADDRESSABLE PARALLEL CHEMICAL SYNTHESIS," February 1991
AX	K. R. KHRAPKO, et al., J. DNA Sequencing and Mapping, Vol. 1, pps. 375-388, "A METHOD FOR DNA SEQUENCING BY HYBRIDIZATION WITH OLIGONUCLEOTIDE MATRIX," 1991
AY	T. LIVACHE, et al., Nucleic Acids Research, Vol. 22, No. 15, pps. 2915-2921, "PREPARATION OF A DNA MATRIX VIA AN ELECTROCHEMICALLY DIRECTED COPOLYMERIZATION OF PYRROLE AND OLIGONUCLEOTIDES BEARING A PYRROLE GROUP," 1994
AZ	S. A. EMR, et al., Electroanalysis, Vol. 7, No. 10, pps. 912-923, "USE OF POLYMER FILMS IN AMPEROMETRIC BIOSENSORS," 1995

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.